

# **FGDC Address Subcommittee**

**March 10, 2020**

**11:00 pm – 12:30 pm Eastern**



# Meeting Agenda

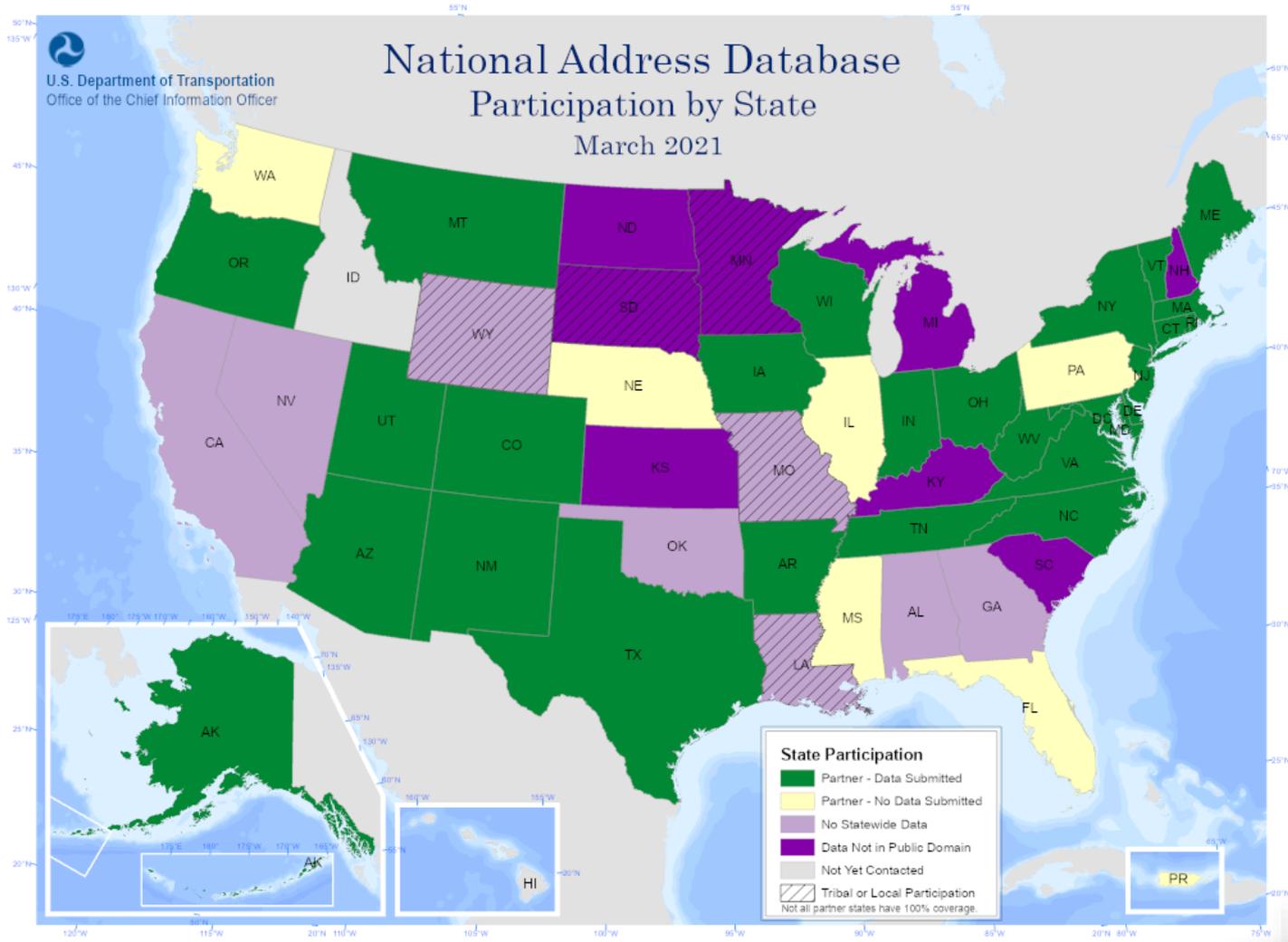
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1. **Welcome and Introductions/Roll Call – 5 min**
2. **NAD Updates – Jason Ford, Steve Lewis – 15 min**
3. **Puerto Rico Civic Address Vulnerability Evaluation (PRCAVE) Update – Raul Rios-Diaz – 15 min**
4. **NAD Content Recommendations – Continued Discussion on NSGIC NAD Content Position – 45 min**
5. **Action Item Review – Dave Cackowski – 10 min**
6. **Adjourn**

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# NAD Updates

# Partners



Whole state or local participation from 32 states

# Added States / Local Entities

## South Dakota:

Sioux Falls City +75,930

Connecticut: +1,156,719

# ETL Updates

## Duplicates ETL (NEW):

Added stand-alone Duplicates ETL to check for duplicate addresses.

Can now process a full dataset with each run.

This new process runs through two main filters.

### First Filter:

Includes address and sub-address fields (*not* Lat/Lon)

- Grouped by single address and # of occurrences/group counted
  - 100+ occurrences = Flagged
  - <100 occurrences funneled back into ETL for second filter

### Second Filter:

Includes address and sub-address fields AND Lat/Lon

- Addresses with same address/sub-address/geometry are Flagged

# ETL Updates

## Main ETL:

- Removed duplicates transformers and replaced with filter that reads output from the Duplicates ETL.
- Added ability to import a predefined crosswalk.
- Upgraded from match style to pre-mapped style transformers.
- Performance gains in main ETL are offset by processing Duplicates in a separate ETL, but the ability to process in one run rather than small batches yields better data quality.

# DISA and Military Installations

## DOT and Defense Information Systems Agency (DISA) meeting last week

- DISA has been charged with creating address points for all military installations.
- The effort is to ensure that military installations meet NG9-1-1 requirements.
- The data to be collected will follow the NENA standard.
- DoD is drafting policy that will require the NENA standard for addresses and centerlines.
- The data will be shared with DOT via WFS and will become part of the NAD.

# Secretary Buttigieg Briefing

- DOT/OCIO's Office of Data and Analytics Solutions, which houses the DOT Geospatial Management Office, briefed Secretary Buttigieg yesterday.
- The slide deck was limited to 10 slides, but one of them was about the NAD!

# Detroit's Open Data Portal

- Detroit has launched an open data portal that includes address points.
- Michigan does compile statewide addresses from counties that have digital data, but the resultant data is not in the public domain because counties also sell the data
- Evaluating the Detroit data for NAD inclusion.

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# Puerto Rico Civic Address Vulnerability Evaluation (PRCAVE) Update

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# NAD Content Recommendations Continued Discussion on NSGIC NAD Content Position

# Summary Statement

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- NSGIC endorses and fully supports the list of attributes contained in the *Recommended Content for the National Address Database (NAD)* document submitted by the Address Content Subgroup of the Address Theme Subcommittee on June 8, 2020.
- NSGIC does not endorse the implied suggestion that the NAD be stored, compiled, or distributed in the FGDC standard. Rather, they strongly recommend that the NAD utilize and adhere to the NENA Standard for NG9-1-1 GIS Data Model.

# Discussion Summary

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- The NAD Content Proposal isn't proposing an either/or with regards to standards.
- The proposal says nothing about how local and state governments aggregate data. It is only a recommendation of minimum and optimal content.
- There are no barriers to participation in the recommendation.
  - NSGIC's goal is to make sure barriers don't arise, and the NENA Standard would ensure this.
  - Bias towards the FGDC Standard – creates longer transformations for DOT

# Discussion Summary

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- Costs and benefits of each standard are the correct way to look at this
- There will be wide adoption of the NENA Standard by state and local governments
- There will continue to be significant human interaction when performing the ETL no matter what standard data is delivered in. Human interaction is lessened by working with providers.
- There will soon be multiple NENA Standards.

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# Action Items

# Thank You



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